Compound channel 2

Posted by Alejandra Arbuet - 2009/07/15 14:31

In the Kineros_Agwa1.5 I want to simulate a compound channel with block Overbank but it gives to error in the segment waters down me, is cut. It wishes to know that I am making bad, shipment the file http://www.tucson.ars.ag.gov/agwa/images/fbfiles/files/1986_cabecera.zip

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Re:Compound channel 2

Posted by lainie - 2009/07/15 18:34

Hi,

Your parameter file looks fine except for two things:

1. For the channel inputs, you cannot use MANrio. This input must be MAN or MANNING.

2. For the Overbank inputs, you must include the Lateral plane Id of the element contributing flow, as LAT =

Let us know if that works.

Lainie

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Re:Compound channel 2

Posted by Alejandra Arbuet - 2009/07/16 14:14

Itself with the same problem, the element of channel 194 does not calculate it, I create does not take the calculated hydrographs above waters.
Shipment new file of parameters
Alejandra
http://www.tucson.ars.ag.gov/agwa/images/fbfiles/files/1986_cabecera-d7765a108fe510e3eff881f2fb3780bd.zip

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Re:Compound channel 2

Posted by lainie - 2009/07/16 17:12

Hi,

The compound channel block should only list one plane for the Lateral element, and this should match

the second plane listed in the associated channel block for the Lateral element.

If this does not correct your problem, please run KINEROS in the DOS window and send us a screen capture of the error message. To do this:

1. Open a DOS window. Go to Start Menu>Run and enter 'cmd' without quotes.
2. In the window, navigate to the directory of the problem simulation by entering 'cd ' and the full path name to the directory. The directories can be found in the AGWA project's simulations directory.
3. Once in the correct simulation, enter 'kineros2_agwa' without quotes. This will execute KINEROS with the stored inputs in the directory. If an error occurs, the message will appear in the DOS window.
4. Send us the screen capture of the DOS window.

Thanks,
Lainie

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Re:Compound channel 2

Posted by Alejandra Arbuet - 2009/07/16 23:21

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It finishes without calculating the channel segment 194, it doesn't register error message.
I believe that the problem is when there are two channel segments that contribute up from waters, in my example UP = 94 104 (compound channel)

```
BEGIN CHANNEL
  ID = 194, PRINT = 1
  LAT = 192 193
  UP =  94 104
  LEN = 18624.72, SLOPE = 0.0010, X = 5585029.140, Y = 6595587.401
  WIDTH = 806.05, 849.50, DEPTH = 5.60, 6.04
  MAN = 0.119, SS1 = 1.00, SS2 = 1.00
  WOOL = Yes
  CV = 1.00, KSAT = 0.9, G = 375
  DIST = 0.1500, POR = 0.4750, ROCK = 0.00
  FR = 0.0900, 0.4500, 0.4600, SP = 63.00, COH = 0.0070
END CHANNEL
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Re:Compound channel 2

Posted by lainie - 2009/07/29 22:49

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Hi,

Would you please send us the screen capture of the DOS window at the end of the KINEROS simulation, and also your latest parameter file?

Thanks,

Lainie

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